

Non-stop power leakage tester

The feature of this product is to test the car ECU standby, the normal operating current of electronic components, or abnormal operating current while keeping the car ECU powered on.



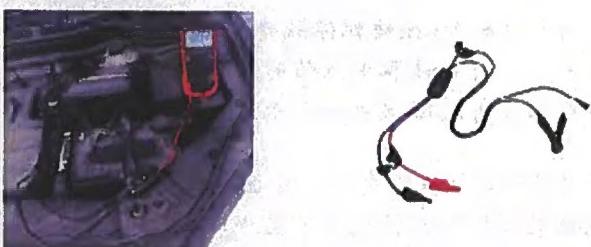
Leakage detective

Best products for automotive dark circuit testing

- This product uses a unique U-shaped battery terminal spring clip, which can be connected to the battery terminal without disassembling the battery terminal connection cable. With renewable 4mm pure copper banana plug, you can also superimpose a multimeter to test voltage or current when reading current values with a multimeter (compare with a multimeter)
- Adopt fully wrapped high-current battery clip to ensure the product works more effectively.
- The use of high-current and low-resistance switch to enhance product lifespan.

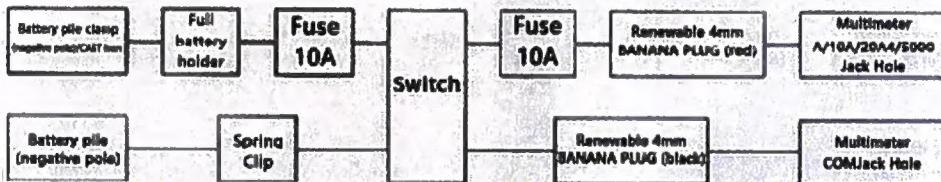
Precautions

- Please turn off the engine and remove the key before testing the current leakage. Do not start the engine during the test to avoid burning the fuse.
- Current leakage testing needs to simulate the usual state when the car is power-off, please be sure to shut the door, pull out the key (can be locked), so that the car computer into a sleep state
- Different car computers enter the hibernation state at different times, so please be patient when measuring to determine whether current leakage is generated.
- The computer standby current varies from car to car, but the ideal value should be between 20 mA and 60 mA.
- It is recommended to use a 10A fuse to replace the fuse of the line tester to avoid burning the multimeter.



Instructions

Electrical wiring diagram



- Park and turn off the engine, open the hood, lock the door, and wait for the ECU to enter sleep.
- Clamp the battery terminal (negative) with the spring clip, then use the fully wrapped battery clip to clamp the battery terminal clip (negative)/ground
- Flip the switch to the ON position (I/closed); Plug the 4mm banana plug (red) into the multimeter A/10/20A jack, and the 4mm banana plug (black) into the multimeter COM jack. Turn the dial of the multimeter to point to the A/10A/20A gear
- Loosen the battery terminal clip nut with M10 wrench, then disconnect the battery terminal clip from the battery terminal, which can be separated by cardboard or plastic sheet.
- Turn the switch to OFF (O/Disconnect) to read the current value by multimeter
- If you need to change the range of the multimeter, you should turn the switch to ON (I/Closed), and then turn the multimeter dial. Select the appropriate range and re-plug to 4mm banana jack (red) [if necessary], and then turn the switch to OFF (ON/Disconnect).